

## WHAT IS CLAIMED IS:

1. An object with a predictor to predict at least a part of a pre-determined itinerary of at least one data packet in a distributed data network.

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2. The object of claim 1, comprising logic circuitry.

3. A method of determining authenticity of an object, the method comprising receiving from the object a prediction of at least a part of a pre-determined itinerary of at least one data packet in a distributed data network; and verifying the prediction.

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4. The method of claim 3, wherein the data packet comprises an instruction as to its next destination in the network.

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